

# METHOD AND APPARATUS FOR SYNCHRONIZING MULTIPLE VERSIONS OF DIGITAL DATA

## ABSTRACT OF THE DISCLOSURE

A method and system for synchronizing multiple versions of multimedia objects is provided. Each multimedia object may be identified by a unique identifier. In addition, a history graph may be generated and maintained for each object, where the history graph includes nodes that store unique identifiers and whose vectors describe the relationship between the multimedia objects. Metadata may be used to describe the transformations of object.